

# MECHANISM TO DISABLE DYNAMICALLY A COMPUTER AUDIO INPUT/OUTPUT CONNECTOR

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## ABSTRACT OF THE DISCLOSURE

An apparatus and method are presented for dynamically disabling a first audio input/output ("I/O") connector when an audio I/O device is coupled to a second audio I/O connector, locating the disablement point to reduce significantly any spurious noise coupled onto the primary audio I/O connector and its associated electrical components and cabling. An advantage of the present invention is that it can be implemented with components that provide low resistance from the first audio I/O connector to ground, thoroughly grounding, and significantly reducing spurious noise coupled onto, the first audio I/O connector and associated electronics and cabling.

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10 This invention therefore also significantly reduces the spurious noise processed with, and therefore interfering with, the signal associated with a device coupled to a second audio I/O connector, significantly increasing the quality of the input or output signal from that secondary device. Another advantage of the present invention is that the components required are relatively inexpensive and can be purchased in single units.